

# Yanghoon Kim

E-mail: [ad26kt@gmail.com](mailto:ad26kt@gmail.com)  
<http://yanghoonkim.github.io/20181105/me>

## EDUCATION

- Seoul National University**, Seoul, Korea  
*Ph.D. in Department of Electrical and Computer Engineering* Aug. 2021
- Advisor: Professor Kyomin Jung
  - Thesis: Effective Training Methods for Autoregressive Text Generation
- Tsinghua University**, Beijing, China  
*B.S. in Department of Automation* Jul. 2014

## INTERESTS

- Asset Management**
- Machine Learning-driven Asset management
- Quantitative Trading**
- Presently, I am working on high-freq trading algorithms on cryptocurrency market, which is based on deep reinforcement learning

## PROFESSIONAL EXPERIENCES

- AI Quant at **Mirae Asset Global Investments**, Seoul, Korea Aug. 2021 – Present
- Research scientist intern at **Samsung Advanced Institute of Technology**, Suwon, Korea Jun. 2017 – Aug. 2017
- Neural Machine Translation
- Undergraduate student researcher intern at **UAV Lab, Tsinghua Univ.**, Beijing, China Mar. 2013 – Jul. 2014
- Intelligent control of UAV
  - UAV Tracking
- Engineering assistant intern at **HUENS**, Uiwang, Korea Feb. 2012 – Mar. 2012

## ACADEMIC ACTIVITIES

- Reviewer**
- IEEE Access, 2020  
IEEE International Conference on Data Mining (Co-reviewer), 2019  
Jordanian Journal of Computers and Information Technology, 2019  
International Workshop on Semantic Evaluation, 2018
- Teaching Assistant**
- Topics in Computer and VLSI (Machine Learning), **Seoul Nat'l Univ.** Spring 2017  
Advanced Programming Methodology(Algorithm), **Seoul Nat'l Univ.** Spring 2016  
Programming Methodology, **Seoul Nat'l Univ.** Spring 2015
- Invited Talks**
- Improving Neural Question Generation using Answer Separation, **NAVER**, Korea May. 2019

## PUBLICATIONS

8. Y Hong, **Y Kim**, J Kim, Y Choi, "Index Tracking via Learning to Predict Market Sensitivities" in *IntelliSys*, 2023.
7. Y Hwang, **Y Kim**, K Jung, "Context-Aware Neural Machine Translation for Korean Honorific Expressions" in *Electronics*, 2021. (SCIE, IF=2.412)
6. S Yoon, **Y Kim**, K Jung, "Self-Adapter at SemEval-2021 Task 10: Entropy-based Pseudo-Labeler for Source-free Domain Adaptation" in *SemEval-2021*, 2021.
5. **Y Kim**, S Won, S Yoon, K Jung, "Collaborative Training of GANs in Continuous and Discrete spaces for Text Generation" in *IEEE Access*, 2020. (SCIE, IF=3.745)

4. Y Lee, **Y Kim**, K Jung, "MILAB at SemEval-2019 Task 3: Multi-View Turn-by-Turn Model for Context-Aware Sentiment Analysis" in *Proc. of 13th International Workshop on Semantic Evaluation (SemEval-2019)*, 2019.
3. **Y Kim**, H Lee, J Shin, K Jung, "Improving Neural Question Generation using Answer Separation" in *Proc. of AAAI Conference on Artificial Intelligence (AAAI)*, 2019. (Acceptance Rate=16%)
2. **Y Kim**, H Lee, K Jung, "AttnConvnet at SemEval-2018 Task 1: Attention-based Convolutional Neural Networks for Multi-label Emotion Classification" in *Proc. of the 12th International Workshop on Semantic Evaluation (SemEval-2018)*, 2018.
1. J Shin, **Y Kim**, S Yoon, K Jung, "Contextual-CNN: A Novel Architecture Capturing Unified Meaning for Sentence Classification," in *Proc. of Big Data and Smart Computing (BigComp), IEEE International Conference on.*, 2018.

#### SKILLS

Excellence in Programming Languages: Python  
 Excellence in Deep Learning Framework: Tensorflow, Pytorch, Theano  
 Familiarity with Web application programming: Django

#### HONORS AND AWARDS

<b>2nd place</b> in time expression recognition subtask in task 10, SemEval	2021
<b>5th / 1st place</b> in English/Spanish subtask in task 1, SemEval	2018
<b>Chinese Government Scholarship</b> , China Scholarship Council	2012
<b>Beijing Government Scholarship for International Students</b> , Beijing Government Scholarship	2011
<b>2nd place on Electronic Technology Practice</b> , Tsinghua University	2011